Date Printed: 06/19/2016 01:20

OAK RIDGE NATIONAL LABORATORY
Managed by UT-Battelle for the Department of Energy

Daily Summary Report

Site: Tower "D" (1000 Area)

6/18/2016

Interval: 001h

	01_TempC_002m	02_TempC_015m	03_TempC_035m	04_TempC_060m	09_VTGrad_0215m	10_VTGrad_0235m	11_VTGrad_0260m	12_VTGrad_1535m	13_VTGrad_1560m
Hour	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC
00:00	21.9	22.4	22.4	22.4	.46	.44	.52	-.02	.06
01:00	22.1	22.4	22.3	22.4	.30	.27	.33	-.03	.03
02:00	21.7	22.0	22.0	22.0	.33	.28	.34	-.05	.00
03:00	21.4	21.7	21.7	21.8	.35	.32	.39	-.03	.04
04:00	20.9	21.3	21.2	21.3	.39	.34	.40	-.04	.01
05:00	20.3	20.6	20.6	20.7	.36	.38	.47	.02	.12
06:00	20.4	20.8	20.8	20.9	.35	.42	.50	.08	.16
07:00	21.3	21.4	21.4	21.3	.08	.12	-.02	.05	-.10
08:00	22.5	22.1	21.8	21.7	-.40	-.68	-.87	-.28	-.47
09:00	23.7	23.0	22.7	22.4	-.66	-1.03	-1.26	-.37	-.59
10:00	25.0	24.1	23.7	23.5	-.88	-1.26	-1.47	-.38	-.59
11:00	26.3	25.3	24.9	24.7	-1.00	-1.43	-1.63	-.43	-.64
12:00	27.6	26.5	26.0	25.8	-1.18	-1.63	-1.81	-.44	-.63
13:00	28.4	27.3	27.0	26.8	-1.08	-1.47	-1.61	-.39	-.54
14:00	29.2	28.2	27.8	27.6	-.98	-1.39	-1.61	-.41	-.63
15:00	29.8	28.9	28.5	28.3	-.92	-1.32	-1.49	-.40	-.57
16:00	30.3	29.4	28.9	28.7	-.91	-1.35	-1.54	-.44	-.63
17:00	30.5	29.7	29.4	29.2	-.76	-1.10	-1.26	-.34	-.50
18:00	30.2	29.6	29.4	29.3	-.59	-.81	-.88	-.23	-.29
19:00	27.2	28.3	28.6	28.8	1.13	1.40	1.62	.28	.49
20:00	24.1	26.8	27.3	27.6	2.63	3.20	3.50	.57	.87
21:00	23.3	25.6	26.4	26.7	2.29	3.09	3.39	.80	1.10
22:00	23.1	25.3	25.9	26.2	2.16	2.77	3.01	.60	.85
23:00	21.2	24.1	24.6	25.1	2.90	3.46	3.96	.56	1.06
Avg	24.7	24.9	24.8	24.8	.18	.13	.12	-.06	-.06
Max	30.5	29.7	29.4	29.3	2.90	3.46	3.96	.80	1.10
Hr. of Max	17	17	18	18	23	23	23	21	21
Min	20.3	20.6	20.6	20.7	-1.18	-1.63	-1.81	-.44	-.64
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/18/2016

Interval: 001h

	14_DewPtC_002m	15_DewPtC_015m	17a_WBulbC	18_SoilTempC	19_RH_002m	20_RH_015m	21_AbsHum_002m	22_AbsHum_015m	23_Mix Ratio_002m
Hour	DEGC	DEGC	DEGC	DEGC	PERCENT	PERCENT	G/M3	G/M3	COUNT
00:00	17.3	17.1	18.9	25.5	76.9	73.7	14.6	14.4	0.01281
01:00	17.3	17.0	18.9	25.3	75.8	73.4	14.5	14.3	0.012747
02:00	17.2	17.0	18.7	25.1	77.2	74.8	14.5	14.3	0.012707
03:00	17.2	17.0	18.6	25.0	78.8	76.3	14.5	14.3	0.012702
04:00	17.2	17.1	18.5	24.8	81.3	78.7	14.5	14.4	0.012724
05:00	17.1	17.0	18.2	24.6	83.8	81.4	14.4	14.3	0.012604
06:00	16.9	16.7	18.1	24.4	82.0	79.4	14.3	14.1	0.012437
07:00	16.7	16.2	18.3	24.3	77.0	73.9	14.1	13.6	0.0123
08:00	16.3	15.7	18.4	24.1	69.3	68.3	13.6	13.1	0.011931
09:00	16.1	15.4	18.6	24.0	63.9	63.4	13.4	12.9	0.011801
10:00	15.9	15.0	18.9	24.0	58.4	58.1	13.2	12.5	0.011657
11:00	16.0	15.1	19.4	24.0	54.2	54.5	13.3	12.6	0.011733
12:00	16.0	15.1	19.9	24.3	50.3	51.0	13.2	12.5	0.011747
13:00	16.2	15.4	20.3	24.7	48.8	49.2	13.4	12.7	0.011937
14:00	16.3	15.6	20.6	25.2	47.1	47.8	13.4	12.9	0.012012
15:00	16.2	15.4	20.7	25.5	45.0	45.1	13.3	12.7	0.011921
16:00	16.3	15.7	21.0	25.9	44.3	44.9	13.4	12.9	0.012053
17:00	15.7	15.3	20.7	26.3	42.2	42.8	12.9	12.6	0.011623
18:00	15.4	14.7	20.3	26.5	42.0	41.5	12.7	12.2	0.011363
19:00	16.5	14.7	20.0	26.7	53.5	44.8	13.7	12.2	0.01212
20:00	16.7	13.8	19.1	26.7	64.5	46.0	13.9	11.5	0.012213
21:00	16.3	15.1	18.6	26.6	66.5	53.7	13.7	12.6	0.01195
22:00	16.2	15.3	18.5	26.4	66.8	55.1	13.6	12.7	0.011865
23:00	16.5	15.1	18.0	26.2	76.2	58.7	13.9	12.6	0.012023
Avg	16.5	15.7	19.2	25.3	63.6	59.9	13.8	13.1	0.012124
Max	17.3	17.1	21.0	26.7	83.8	81.4	14.6	14.4	0.01281
Hr. of Max	01	04	16	20	05	05	00	04	00
Min	15.4	13.8	18.0	24.0	42.0	41.5	12.7	11.5	0.011363
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/18/2016

Interval: 001h

	24_Mix Ratio_015m	27_VaporPr_002m	28_VaporPr_015m	34_Precip_In	36_BarPres_In	37_BarPres_Mb	38_SolarRad_Wm2	39_SolarRad_Lang	40_WDir_015m
Hour	COUNT	KPa	KPa	INCHES	INHG	KPa	W/M2	Langleys	DEG
00:00	0.012639	19.9	19.6	.00	29.07	984.4	-2.9	.00	62.7
01:00	0.012578	19.8	19.5	.00	29.08	984.7	-2.9	.00	62.0
02:00	0.012559	19.7	19.5	.00	29.07	984.5	-2.7	.00	64.8
03:00	0.012564	19.7	19.5	.00	29.08	984.7	-2.2	.00	66.5
04:00	0.012617	19.7	19.6	.00	29.08	984.9	-1.3	.00	65.2
05:00	0.012525	19.6	19.4	.00	29.09	985.2	-1.4	.00	59.2
06:00	0.012294	19.3	19.1	.00	29.12	986.1	8.8	.01	60.6
07:00	0.011865	19.1	18.5	.00	29.16	987.4	118.4	.17	63.6
08:00	0.011485	18.6	17.9	.00	29.18	988.1	369.7	.53	63.1
09:00	0.011255	18.4	17.6	.00	29.20	988.9	575.0	.82	69.4
10:00	0.011004	18.2	17.2	.00	29.22	989.4	758.0	1.09	66.6
11:00	0.011103	18.3	17.4	.00	29.23	989.8	900.4	1.29	67.0
12:00	0.011091	18.3	17.3	.00	29.23	989.8	986.6	1.41	85.7
13:00	0.01129	18.6	17.6	.00	29.22	989.6	930.8	1.33	105.6
14:00	0.011508	18.7	18.0	.00	29.22	989.5	913.8	1.31	40.9
15:00	0.011327	18.6	17.7	.00	29.22	989.5	896.8	1.29	80.6
16:00	0.011576	18.8	18.1	.00	29.21	989.4	584.8	.84	42.2
17:00	0.011279	18.1	17.6	.00	29.21	989.3	464.9	.67	28.5
18:00	0.010861	17.8	17.0	.00	29.22	989.5	383.6	.55	16.7
19:00	0.010859	18.9	17.0	.00	29.23	990.0	183.0	.26	14.9
20:00	0.010178	19.1	15.9	.00	29.25	990.5	19.7	.03	9.5
21:00	0.011067	18.7	17.3	.00	29.27	991.2	-1.9	.00	206.1
22:00	0.011172	18.6	17.5	.00	29.30	992.3	-3.2	.00	219.0
23:00	0.011034	18.8	17.3	.00	29.32	992.8	-2.7	.00	263.3
Avg	0.011572	18.9	18.0	.00	29.19	988.4	336.4	.48	58.0
Max	0.012639	19.9	19.6	.00	29.32	992.8	986.6	1.41	263.3
Hr. of Max	00	00	04	23	23	23	12	12	23
Min	0.010178	17.8	15.9	.00	29.07	984.4	-3.2	.00	9.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/18/2016

Interval: 001h

	41_WDir_035m	42_WDir_060m	46_SWDir_015m	50_Sigma_015m	51_Sigma_035m	52_Sigma_060m	55_RWSpd_015m	56_RWSpd_035m	57_RWSpd_060m
Hour	DEG	DEG	DEG	DEG	DEG	DEG	MPH	MPH	MPH
00:00	59.2	54.0	65.2	21.9	14.6	9.4	3.0	5.4	7.8
01:00	55.4	52.0	64.7	23.3	15.2	10.1	3.4	6.6	9.4
02:00	59.3	55.1	67.0	22.4	13.5	8.3	3.9	7.4	10.5
03:00	59.1	54.9	69.6	22.7	14.4	8.7	3.5	6.6	9.8
04:00	63.5	62.7	69.2	19.7	12.9	8.8	3.3	6.0	8.5
05:00	58.3	56.5	59.8	22.8	12.1	7.1	3.2	6.7	9.6
06:00	55.3	51.6	64.3	25.4	13.7	8.9	3.2	6.8	9.8
07:00	56.9	55.3	63.8	24.2	15.4	10.5	4.2	7.0	9.6
08:00	58.8	57.7	63.7	29.0	19.6	11.7	5.1	8.9	11.5
09:00	64.7	62.6	69.8	31.0	22.0	16.3	4.6	7.0	8.8
10:00	62.1	61.6	69.6	34.5	24.3	19.2	4.1	5.3	6.2
11:00	60.6	57.9	71.5	49.3	36.3	30.0	2.9	3.9	4.3
12:00	74.9	74.2	89.2	53.3	52.1	40.6	2.0	2.5	3.4
13:00	93.9	87.8	105.0	55.9	46.2	42.1	2.0	2.4	2.9
14:00	41.9	44.1	42.1	57.3	48.0	37.0	2.4	3.7	4.3
15:00	73.2	69.8	79.5	42.4	35.2	28.4	2.8	3.9	4.6
16:00	38.0	38.8	39.9	42.5	27.5	19.6	2.9	5.2	6.0
17:00	31.9	34.8	26.6	45.9	27.3	21.6	2.2	4.1	5.2
18:00	28.0	32.8	17.3	43.3	20.6	15.7	2.3	5.1	6.3
19:00	30.4	36.3	14.2	33.1	12.7	8.2	1.5	5.1	7.3
20:00	56.8	66.9	10.7	32.3	10.2	8.7	1.1	2.3	3.8
21:00	175.3	167.5	211.9	57.2	27.1	16.9	1.9	4.1	5.7
22:00	205.4	202.0	223.3	14.1	6.5	5.3	2.7	5.9	7.9
23:00	227.2	216.0	265.4	11.4	7.0	5.5	1.4	3.5	5.8
Avg	61.0	61.0	59.0	34.0	22.3	16.6	.0	.0	.0
Max	227.2	216.0	265.4	57.3	52.1	42.1	5.1	8.9	11.5
Hr. of Max	23	23	23	14	12	13	08	08	08
Min	28.0	32.8	10.7	11.4	6.5	5.3	1.1	2.3	2.9
Count	24	24	24	24	24	24	24	24	24
Total									

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OAK RIDGE NATIONAL LABORATORY
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Daily Summary Report

Site: Tower "D" (1000 Area)

6/18/2016

Interval: 001h

	58_WSpd_015m	59_WSpd_035m	60_WSpd_060m	66_HSSpd_015m	67_HSSpd_060m	70_WElev_015m	71_WElev_060m	72_VSSpd_015m	73_VSSpd_060m
Hour	MPH	MPH	MPH	MPH	MPH	DEG	DEG	MPH	MPH
00:00	3.2	5.6	7.9	3.4	8.2	-3.1	1.0	-.27	.08
01:00	3.6	6.9	9.5	4.0	9.9	-1.7	1.2	-.25	.12
02:00	4.2	7.6	10.6	4.4	11.0	.0	1.0	-.16	.11
03:00	3.8	6.8	9.9	4.1	10.3	.1	1.0	-.12	.11
04:00	3.5	6.1	8.6	3.8	8.9	-2.9	1.3	-.32	.13
05:00	3.5	6.8	9.7	3.7	10.0	-1.4	.2	-.25	-.02
06:00	3.5	7.0	10.0	3.9	10.3	-2.5	1.5	-.29	.20
07:00	4.5	7.2	9.7	4.9	10.1	-5.0	1.2	-.64	.11
08:00	5.7	9.3	11.7	6.3	12.2	-1.0	.6	-.37	-.10
09:00	5.2	7.5	9.1	5.8	9.6	.0	1.6	-.20	.08
10:00	4.8	5.8	6.5	5.3	7.0	-1.2	1.5	-.23	.10
11:00	3.7	4.5	4.7	4.2	5.4	.2	4.5	-.14	.28
12:00	3.4	4.0	4.5	4.1	5.2	-1.1	3.8	-.12	.32
13:00	3.2	3.5	3.8	3.9	4.4	1.7	2.5	.08	.26
14:00	3.6	4.7	5.2	4.3	5.8	2.1	.2	-.07	.14
15:00	3.7	4.8	5.3	4.4	5.9	-1.0	2.8	-.22	.28
16:00	3.7	5.7	6.4	4.3	6.9	-1.8	-2.4	-.36	-.37
17:00	2.8	4.6	5.5	3.2	6.0	1.2	1.8	-.13	.12
18:00	2.9	5.3	6.6	3.3	7.0	-.5	3.0	-.33	.29
19:00	1.8	5.2	7.4	2.2	7.7	-1.5	1.6	-.17	.19
20:00	1.3	2.4	3.9	1.5	4.1	-2.0	2.0	-.08	.12
21:00	2.2	4.8	6.5	2.7	6.7	1.1	.7	-.04	.01
22:00	2.8	6.0	7.9	3.3	8.2	-.9	-1.6	-.10	-.25
23:00	1.5	3.5	5.8	1.8	6.1	-.2	-.7	-.03	-.08
Avg	3.4	5.7	7.4	3.9	7.8	-.9	1.3	-.20	.09
Max	5.7	9.3	11.7	6.3	12.2	2.1	4.5	.08	.32
Hr. of Max	08	08	08	08	08	14	11	13	12
Min	1.3	2.4	3.8	1.5	4.1	-5.0	-2.4	-.64	-.37
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/18/2016

Interval: 001h

	79_PkWsH_015m	80_PkWsH_035m	81_PkWsH_060m	82_SPkWsH_015m	83_SPkWsH_060m	84_SigPhi_015m	85_SigPhi_060m	86_SonicTemp_015m	87_SonicTemp_060m
Hour	MPH	MPH	MPH	MPH	MPH	DEG	DEG	DEGC	DEGC
00:00	8.9	11.0	12.8	8.4	14.5	16.0	7.7	23.6	23.3
01:00	10.3	15.3	16.3	11.3	19.2	17.9	7.9	23.6	23.2
02:00	11.2	17.6	25.6	11.4	17.2	18.3	6.8	23.2	22.9
03:00	9.4	12.8	23.1	10.8	17.6	18.6	6.9	22.9	22.6
04:00	10.8	12.6	20.6	10.1	14.7	14.9	7.4	22.5	22.2
05:00	12.4	16.7	22.4	9.7	14.5	19.9	5.8	21.8	21.6
06:00	8.9	16.0	21.1	10.1	15.8	18.0	6.9	21.9	21.7
07:00	13.1	15.3	23.1	13.5	17.9	18.7	9.3	22.5	21.9
08:00	19.2	28.2	30.0	18.2	20.6	21.8	10.1	23.2	22.4
09:00	15.1	14.4	25.4	15.1	16.1	21.5	13.7	24.1	23.1
10:00	13.3	14.7	16.9	14.4	15.9	21.9	18.5	25.1	24.1
11:00	11.4	12.1	13.3	11.8	12.9	25.9	25.9	26.4	25.3
12:00	12.4	9.2	10.3	12.8	10.9	25.5	23.8	27.4	26.4
13:00	9.4	10.3	10.3	11.8	11.0	25.0	26.2	28.3	27.4
14:00	11.4	15.1	11.4	12.5	12.2	25.5	20.4	29.2	28.1
15:00	11.9	13.1	13.1	12.2	13.6	23.4	22.9	29.8	28.8
16:00	9.2	19.2	15.8	11.4	14.1	24.0	15.9	30.3	29.2
17:00	8.0	10.1	10.8	8.6	11.8	26.5	15.7	30.6	29.6
18:00	9.6	11.0	11.7	10.4	12.1	24.6	10.3	30.4	29.6
19:00	7.6	13.1	20.4	9.2	13.3	20.7	6.4	29.1	29.0
20:00	4.6	8.2	8.7	3.7	7.1	9.4	5.6	27.3	28.0
21:00	10.5	13.3	16.0	11.1	16.5	12.4	6.7	26.4	27.2
22:00	11.9	13.3	20.6	11.6	15.4	8.4	3.9	26.2	26.7
23:00	4.6	7.8	12.8	4.1	9.1	5.9	3.2	24.9	25.7
Avg	10.6	13.8	17.2	11.0	14.3	19.4	12.0	25.9	25.4
Max	19.2	28.2	30.0	18.2	20.6	26.5	26.2	30.6	29.6
Hr. of Max	08	08	08	08	08	17	13	17	18
Min	4.6	7.8	8.7	3.7	7.1	5.9	3.2	21.8	21.6
Count	24	24	24	24	24	24	24	24	24
Total									